BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Restoration Improvements of Mahalakshmi layout, Balaji layout, Best Country-II & III, Bhaskar Reddy, Andhra layout, Tirumalanagara and surrounding areas in ward no-03 of Yelhanka New town Sub division (PAKAGE NO-10)

MODIFIED ESTIMATE

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.01		Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work										
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15											
15	30		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
30	35 9		Cum	1	15.00	1.20	1.20	1.20	0 90	16.20		
			Cum	1	5.90	1.20	1.20	1 20	0.90	6.37		
		RHS										
0	15											
15	30		Cum	1	15.00	1.20	1.20	1.20	0 90	16.20		
30	35.2		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
			Cum	1	5.20	1.20	1.20	1.20	0 90	5.62		
		3rd A cross										
		From south to north										
		LHS										
0	15											
15	20 3		Cum	1	15.00	1.20	1.20	1.20	0 90	16.20		
20.3	32		Cum	1	5.30	1.20	1.20	1.20	0 90	5.72		
32	37		Cum	1	11.70	1.20	1 20	1.20	0.90	12 64		
			Cum	1	5.00	1 20	1 20	1 20	0.90	5.40		
		RHS										
0	15											
15	30		Cum	1	15.00	1.20	1.20	1 20	0 90	16.20		
30	36.1		Cum	1	15 00	1.20	1 20	1.20	0 90	16.20		
			Cum	1	6.10	1.20	1.20	1.20	0.90	6.59		
		4th A cross road										
		From south to north										
		LHS										
0	15		Cum	1	15 00	1.20	1 20	1.20	0 90	16.20		
15	22 8		Cum	1	7.80	1.20	1 20	1.20	0.90	8.42		
		RHS										
0	15		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
15	30		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
30	36.7		Cum	1	6.70	1.20	1.20	1.20	0.90	7.24		
		1st cross road										
		From north to south										
		LHS										
0	15		Cum	1	15.00	1 20	1.20	1.20	0.90	16.20		
15	30		Cum	1	15.00	1.20	1.20	1.20	0 90	16.20		
30	45		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
45	60		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
60	75		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
75	90		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
90	105		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
105	116		Cum	1	11.00	1.20	1.20	1.20	0.90	11.88		
		RHS										
0	15		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
15	30		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
30	45		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		
45	61.6		Cum	1	16.60	1.20	1.20	1.20	0.90	16.20		
61.6	66.6		Cum	1	5.00	1.20	1.20	1.20	0.90	17.93		
66.6	75		Cum	1	8.40	1.20	1.20	1.20	0.90	5.40		
75	90		Cum	1	15.00	1.20	1.20	1.20	0.90	9.07		
90	105		Cum	1	15.00	1.20	1.20	1.20	0.90	16.20		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
265.7	280.7		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
280.7	292.7		Cum	1	12.00	2.40	2.40	2.40	0.25	7.20		
292.7	298.9	Culvert	Cum	1	0.00	2.40	2.40	2.40	0.25	0.00		
298.9	313.9		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
313.9	327.9		Cum	1	14.00	2.40	2.40	2.40	0.25	8.40		
327.9	333.2	Culvert	Cum	1	0.00	2.40	2.40	2.40	0.25	0.00		
333.2	348.2		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
348.2	360.3		Cum	1	12.10	2.40	2.40	2.40	0.25	7.26		
360.3	366.3	Culvert	Cum	1	0.00	2.40	2.40	2.40	0.25	0.00		
366.3	381.3		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
381.3	388.3		Cum	1	7.00	2.40	2.40	2.40	0.25	4.20		
388.3	394.5	Culvert	Cum	1	0.00	2.40	2.40	2.40	0.25	0.00		
394.5	409.5		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
409.5	424.5		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
424.5	430.8		Cum	1	6.30	2.40	2.40	2.40	0.25	3.78		
430.8	445.8		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
445.8	460.8		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
460.8	475.8		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
475.8	490.8		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
490.8	505.8		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
505.8	510		Cum	1	4.20	2.40	2.40	2.40	0.25	2.52		
		Attur lake temple road										
		From north to south										
		RHS										
0	15		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
15	30		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
30	45		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
45	60		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
60	75		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
75	90		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
90	105		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
105	120		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
120	135		Cum	1	15.00	2.40	2.40	2.40	0.25	9.00		
135	140.4		Cum	1	5.40	2.40	2.40	2.40	0.25	3.24		
		Culvert										
		Attur lake road										
		From east to west										
			Cum	1	4.40	2.40	2.40	2.40	0.25	2.64		
			Cum	1	5.00	2.40	2.40	2.40	0.25	3.00		
			Cum	1	6.70	2.40	2.40	2.40	0.25	4.02		
			Cum	1	5.70	2.40	2.40	2.40	0.25	3.42		
			Cum	1	6.20	2.40	2.40	2.40	0.25	3.72		
			Cum	1	5.30	2.40	2.40	2.40	0.25	3.18		
			Cum	1	6.00	2.40	2.40	2.40	0.25	3.60		
			Cum	1	6.20	2.40	2.40	2.40	0.25	3.72		
		Total Executed Quantity								390.24		
		Tender Quantity								242.26		
		Quantity upto 125%								302.83	2600.49	787494.00
		Quantity above 125%								87.42	2600.49	227322.00
Item no.03		Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification and as per the directions of the Engineer-in-charge of the work										
		Drain PCC										
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
15	30		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		
30	35.9		Cum	1	5.90	1.20	1.20	1.20	0.15	1.06		
		RHS										
0	15		Cum	1	15.00	1.20	1.20	1.20	0.15	2.70		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
			Cum	1	5.60	1.50	1.50	1.50	0.15	1.26		
			Cum	1	5.60	1.50	1.50	1.50	0.15	1.26		
		2nd cross road										
		From south to north										
		RHS										
			Cum	1	5.80	1.50	1.50	1.50	0.15	1.31		
		Escort layout										
		Cross road 1										
		From West to East										
		RHS										
			Cum	1	6.50	1.80	1.80	1.80	0.15	1.76		
			Cum	1	4.50	1.80	1.80	1.80	0.15	1.22		
		Yalahanka 4th phase SFS 407										
		6th main road										
		From south to north										
		LHS										
			Cum	1	5.90	1.50	1.50	1.50	0.15	1.33		
		Century Saras Appartment Road										
			Cum	1	9.10	1.50	1.50	1.50	0.15	2.05		
		Andra layout										
		1st Cross Road										
			Cum	1	8.40	1.50	1.50	1.50	0.15	1.89		
		Baskar Reddy Layout										
		2nd Cross Road										
			Cum	1	8.50	1.50	1.50	1.50	0.15	1.91		
		Escort layout										
			Cum	1	6.50	1.50	1.50	1.50	0.15	1.46		
									Total Executed Quantity	1348.94	5675.99	7656596.00
									Tender Quantity	1773.43		
Item no.04		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer-in-charge of the work										
		For Drain	Tonne		1842.09			0.060		111.98		
		For Atturu lake	Tonne		626.82			0.10		63.00		
		For Culvert	Tonne		152.87			0.095		14.77		
									Total Executed Qty	189.74	80948.07	15358954.00
									Tender Quantity	208.46		
Item no.05		Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering.cost of materials.HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification and as per the directions of the Engineer-in-charge of the work										
		Bottom Raft										
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48		
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48		
30	35.9		Cum	1	5.90	1.10	1.10	1.10	0.15	0.97		
		RHS										
0	15		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48		
15	30		Cum	1	15.00	1.10	1.10	1.10	0.15	2.48		
30	35.2		Cum	1	5.20	1.10	1.10	1.10	0.15	0.86		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
			Cum	2	7.00	0.23	0.23	0.23	0.60	1.93		
			Cum	2	5.80	0.23	0.23	0.23	0.60	1.60		
		3rd Cross road										
			Cum	2	7.50	0.23	0.23	0.23	0.60	2.07		
		5th Cross road										
			Cum	2	6.90	0.23	0.23	0.23	0.60	1.90		
		6th Cross road										
			Cum	2	6.70	0.23	0.23	0.23	0.60	1.85		
		Lake Connecting										
			Cum	2	7.85	0.23	0.23	0.23	0.60	2.17		
									Sub Total	152.87		
									Total Executed Quantity	2621.78	7497.22	19656069.00
									Tender Quantity	3188.26		
Item no.06		Providing and Placing Reinforced / Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. B. RCC with OPC cement design mix M25 @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregates @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 ReaffirmedI- 2008, including cost of materials, labour, HOM, Curing, form works, scaffolding and centering complete as per specification and as per the directions of the Engineer-in-charge of the work										
			This Item is not operated									
Item no.07		Providing and Fixing **Pre cast covering Slab 100mm thick** made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete and as per the directions of the Engineer-in-charge of the work										
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	35.9		Sqm	1	5.90	0.90	0.90	0.90		5.31		
		RHS										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	35.2		Sqm	1	5.20	0.90	0.90	0.90		4.68		
		3rd A cross										
		From south to north										
		LHS										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	20.3		Sqm	1	5.30	0.90	0.90	0.90		4.77		
20.3	32	BS slab	Sqm	0	0.00	0.00	0.00	0.00		0.00		
32	37		Sqm	1	5.00	0.90	0.90	0.90		4.50		
		RHS										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	36.1		Sqm	1	6.10	0.90	0.90	0.90		5.49		
		4th A cross road										
		From south to north										
		LHS										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	22.8		Sqm	1	7.80	0.90	0.90	0.90		7.02		
		RHS										
0	15		Sqm	1	15.00	0.90	0.90	0.90		13.50		
15	30		Sqm	1	15.00	0.90	0.90	0.90		13.50		
30	36.7		Sqm	1	6.70	0.90	0.90	0.90		6.03		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
60.7	62.3		Sqm	1	1.60	0.90	0.90	0.90		1.44		
62.3	90.9	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
90.9	92.2		Sqm	1	1.30	0.90	0.90	0.90		1.17		
92.2	99.7	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
99.7	100.9		Sqm	1	1.20	0.90	0.90	0.90		1.08		
100.9	104.6	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
104.6	110.3		Sqm	1	5.70	0.90	0.90	0.90		5.13		
110.3	115.1	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
115.1	130.1		Sqm	1	15.00	0.90	0.90	0.90		13.50		
130.1	137.5		Sqm	1	7.40	0.90	0.90	0.90		6.66		
137.5	155.7	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
155.7	170.7		Sqm	1	15.00	0.90	0.90	0.90		13.50		
170.7	185.7		Sqm	1	15.00	0.90	0.90	0.90		13.50		
185.7	200.7		Sqm	1	15.00	0.90	0.90	0.90		13.50		
200.7	204.2		Sqm	1	3.50	0.90	0.90	0.90		3.15		
204.2	230.7	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
230.7	234.1		Sqm	1	3.40	0.90	0.90	0.90		3.06		
234.1	249.7	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
249.7	254.1		Sqm	1	4.40	0.90	0.90	0.90		3.96		
254.1	265.1	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
265.1	266.4		Sqm	1	1.30	0.90	0.90	0.90		1.17		
266.4	291.2	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
		LHS										
		(From North to South)										
0	43.9	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
43.9	55.9		Sqm	1	12.00	0.90	0.90	0.90		10.80		
55.9	99.5	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
99.5	106.6		Sqm	1	7.10	0.90	0.90	0.90		6.39		
106.6	190.5	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
190.5	199		Sqm	1	8.50	0.90	0.90	0.90		7.65		
199	206.2	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
206.2	221.2		Sqm	1	15.00	0.90	0.90	0.90		13.50		
221.2	226.1		Sqm	1	4.90	0.90	0.90	0.90		4.41		
226.1	303	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
		4th cross To 6th Cross Road										
		(From East to west)										
		RHS										
0	19.8	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
19.8	22.6		Sqm	1	2.80	0.90	0.90	0.90		2.52		
22.6	25.7	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
25.7	28.1		Sqm	1	2.40	0.90	0.90	0.90		2.16		
28.1	41.9	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
41.9	44.5		Sqm	1	2.60	0.90	0.90	0.90		2.34		
44.5	83.1	CC Slab	Sqm	1	0.00	0.90	0.90	0.90		0.00		
									Total Executed Qty	881.87		
									Tender Quantity	822.69		
									Quantity upto 125%	881.87	960.33	846882.00
Item no.10		Providing and Fixing pre cast covering Slab 150mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete. and as per the directions of the Engineer-in-charge of the work										
		Atture lake road										

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
									Tender Quantity	765.00		
									Quantity Upto 125%	956.25	2517.93	2407771.00
									Quantity Above 125%	196.95	2517.93	495907.00
Item no.11		Providing and Fixing RCC pre cast covering Slab 230mm thick for drain in CC 1:1.5:3 using graded granite jelly 20mm Down size with steel reinforcement including form work,lift charges, curing and concrete finished surfaces on bith sides etc,complete. and as per the directions of the Engineer-in-charge.										
		Attur lake road										
		From east to west										
			Sqm	1	4.40	2.00	2.00	2.00		8.80		
			Sqm	1	5.00	2.00	2.00	2.00		10.00		
			Sqm	1	6.70	2.00	2.00	2.00		13.40		
			Sqm	1	5.70	2.00	2.00	2.00		11.40		
			Sqm	1	6.20	2.00	2.00	2.00		12.40		
			Sqm	1	5.30	2.00	2.00	2.00		10.60		
			Sqm	1	6.00	2.00	2.00	2.00		12.00		
			Sqm	1	6.20	2.00	2.00	2.00		12.40		
		Andra layout										
		2nd MAIN road										
		From west to east										
		LHS										
			Sqm	1	9.60	1.20	1.20	1.20		11.52		
			Sqm	1	7.10	1.20	1.20	1.20		8.52		
			Sqm	1	7.30	1.20	1.20	1.20		8.76		
		RHS										
			Sqm	1	7.80	1.20	1.20	1.20		9.36		
		Best County-II										
		2nd Cross Road										
		LHS										
			Sqm	1	6.90	1.20	1.20	1.20		8.28		
			Sqm	1	7.40	1.20	1.20	1.20		8.88		
			Sqm	1	7.40	1.20	1.20	1.20		8.88		
		RHS										
			Sqm	1	6.30	1.20	1.20	1.20		7.56		
		Muneswara layout										
		11th cross 2nd main road										
		From East to west										
		RHS										
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
		2nd cross road										
		From south to north										
		RHS										
			Sqm	1	5.80	1.20	1.20	1.20		6.96		
		Escort layout										
		Cross road 1										
		From West to East										
		RHS										
			Sqm	1	6.50	1.50	1.50	1.50		9.75		
			Sqm	1	4.50	1.50	1.50	1.50		6.75		
		Yalahanka 4th phase SFS 407										
		6th main road										
		From south to north										
		LHS										
			Sqm	1	5.90	1.20	1.20	1.20		7.08		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
									Tender Quantity	765.00		
									Quantity Upto 125%	956.25	2517.93	2407771.00
									Quantity Above 125%	196.95	2517.93	495907.00
Item no.11		Providing and Fixing RCC pre cast covering Slab 230mm thick for drain in CC 1:1.5:3 using graded granite jelly 20mm Down size with steel reinforcement including form work,lift charges, curing and concrete finished surfaces on bith sides etc,complete. and as per the directions of the Engineer-in-charge.										
		Attur lake road										
		From east to west										
			Sqm	1	4.40	2.00	2.00	2.00		8.80		
			Sqm	1	5.00	2.00	2.00	2.00		10.00		
			Sqm	1	6.70	2.00	2.00	2.00		13.40		
			Sqm	1	5.70	2.00	2.00	2.00		11.40		
			Sqm	1	6.20	2.00	2.00	2.00		12.40		
			Sqm	1	5.30	2.00	2.00	2.00		10.60		
			Sqm	1	6.00	2.00	2.00	2.00		12.00		
			Sqm	1	6.20	2.00	2.00	2.00		12.40		
		Andra layout										
		2nd MAIN road										
		From west to east										
		LHS										
			Sqm	1	9.60	1.20	1.20	1.20		11.52		
			Sqm	1	7.10	1.20	1.20	1.20		8.52		
			Sqm	1	7.30	1.20	1.20	1.20		8.76		
		RHS										
			Sqm	1	7.80	1.20	1.20	1.20		9.36		
		Best County-II										
		2nd Cross Road										
		LHS										
			Sqm	1	6.90	1.20	1.20	1.20		8.28		
			Sqm	1	7.40	1.20	1.20	1.20		8.88		
			Sqm	1	7.40	1.20	1.20	1.20		8.88		
		RHS										
			Sqm	1	6.30	1.20	1.20	1.20		7.56		
		Muneswara layout										
		11th cross 2nd main road										
		From East to west										
		RHS										
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
		2nd cross road										
		From south to north										
		RHS										
			Sqm	1	5.80	1.20	1.20	1.20		6.96		
		Escort layout										
		Cross road 1										
		From West to East										
		RHS										
			Sqm	1	6.50	1.50	1.50	1.50		9.75		
			Sqm	1	4.50	1.50	1.50	1.50		6.75		
		Yalahanka 4th phase SFS 407										
		6th main road										
		From south to north										
		LHS										
			Sqm	1	5.90	1.20	1.20	1.20		7.08		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Century Saras Appartment Road										
			Sqm	1	9.10	1.20	1.20	1.20		10.92		
		Culvert Cover Slab										
			Sqm	1	9.30	2.00	2.00	2.00		18.60		
			Sqm	1	6.10	2.00	2.00	2.00		12.20		
			Sqm	1	6.10	2.00	2.00	2.00		12.20		
			Sqm	1	6.30	2.00	2.00	2.00		12.60		
		Andra layout										
		1st Cross Road										
			Sqm	1	8.40	1.20	1.20	1.20		10.08		
		Baskar Reddy Layout										
		2nd Cross Road										
			Sqm	1	8.50	1.20	1.20	1.20		10.20		
		Escort layout										
		Cross Road	Sqm	1.00	6.50	1.20	1.20	1.20		7.80		
		Veerasagar road										
		LHS										
			Sqm	1	4.80	1.20	1.20	1.20		5.76		
			Sqm	1	5.60	1.20	1.20	1.20		6.72		
			Sqm	1	9.80	1.20	1.20	1.20		11.76		
			Sqm	1	6.80	1.20	1.20	1.20		8.16		
			Sqm	1	7.00	1.20	1.20	1.20		8.40		
			Sqm	1	5.80	1.20	1.20	1.20		6.96		
		3rd Cross road										
			Sqm	1	7.50	1.80	1.80	1.80		13.50		
		5th Cross road										
			Sqm	1	6.90	1.20	1.20	1.20		8.28		
		6th Cross road										
			Sqm	1	6.70	1.20	1.20	1.20		8.04		
		Lake Connecting										
			Sqm	1	7.85	1.20	1.20	1.20		9.42		
									Total Executed Quantity	395.06	4530.86	1789962.00
									Tender Quantity	418.98		
Item no.12		Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30		
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30		
30	35.9		Cum	1	5.90	0.20	0.20	0.20	0.10	0.12		
		RHS										
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30		
15	30		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30		
30	35.2		Cum	1	5.20	0.20	0.20	0.20	0.10	0.10		
		3rd A cross										
		From south to north										
		LHS										
0	15		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30		
15	20.3		Cum	1	5.30	0.20	0.20	0.20	0.10	0.11		
20.3	32		Cum	1	11.70	0.20	0.20	0.20	0.10	0.23		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
23.6	27.9											
27.9	34.5	Road break	Cum	1	4.30	0.20	0.20	0.20	0.10	0.09		
34.5	37.2	No work	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00		
37.2	45.1		Cum	1	0.00	0.20	0.20	0.20	0.10	0.00		
45.1	59.6		Cum	1	7.90	0.20	0.20	0.20	0.10	0.00		
			Cum	1	14.50	0.20	0.20	0.20	0.10	0.16		
		LHS								0.29		
0	15											
15	24.5		Cum	1	15.00	0.20	0.20	0.20	0.10	0.30		
24.5	27.2	No Work	Cum	1	9.50	0.20	0.20	0.20	0.10	0.19		
27.2	34.2	Road break	Cum	1	0.00	0.20	0.20	0.20	0.10	0.00		
34.2	45.6		Cum	1	0.00	0.20	0.20	0.20	0.10	0.00		
45.6	46.1	Shoulder drain	Cum	1	11.40	0.20	0.20	0.20	0.10	0.23		
46.1	59.5		Cum	1	0.00	0.20	0.20	0.20	0.10	0.00		
			Cum	1	13.40	0.20	0.20	0.20	0.10	0.27		
		Ramp										
		3rd Cross Road										
		RHS										
		(From South to North)										
0	49	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
49	54.3		Cum	1	5.30	0.40	0.40	0.40	0.13	0.27		
54.3	104.6	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
104.6	110.3		Cum	1	5.70	0.30	0.30	0.30	0.13	0.21		
110.3	115.3	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
115.3	130.3		Cum	1	15.00	0.30	0.30	0.30	0.13	0.56		
130.3	137.5		Cum	1	7.20	0.30	0.30	0.30	0.13	0.27		
137.5	138.1	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
138.1	139.8		Cum	1	1.70	1.00	1.00	1.00	0.13	0.21		
139.8	161.3	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
161.3	164.8		Cum	1	3.50	0.30	0.30	0.30	0.13	0.13		
164.8	174.1	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
174.1	189.1		Cum	1	15.00	0.20	0.20	0.20	0.13	0.38		
189.1	192.2		Cum	1	3.10	0.20	0.20	0.20	0.13	0.08		
189.1	237.9	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
237.9	241.5		Cum	1	3.60	0.40	0.40	0.40	0.13	0.18		
241.5	249.8	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
249.8	254.1		Cum	1	4.30	0.40	0.40	0.40	0.13	0.21		
		LHS										
0	99.5	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
99.5	106.6		Cum	1	7.10	0.50	0.50	0.50	0.13	0.44		
106.6	168	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
168	172.2		Cum	1	4.20	0.30	0.30	0.30	0.13	0.16		
172.2	226.1	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
226.1	231.4		Cum	1	5.30	0.90	0.90	0.90	0.13	0.60		
231.4	269.4	No work	Cum	1	0.00	0.00	0.00	0.00	0.13	0.00		
269.4	274.3		Cum	1	4.90	1.10	1.10	1.10	0.13	0.67		
		Culvert Ramp										
		Muneshwara Layout										
		11th Cross Road 2nd main										
			Cum	2	5.60	0.50	0.50	0.50	0.25	1.40		
			Cum	2	5.60	0.50	0.50	0.50	0.25	1.40		
			Cum	2	5.60	0.50	0.50	0.50	0.25	1.40		
									Total Executed Qty	248.47	6089.85	1513122.00
									Tender Quantity	282.66		
Item no.13		Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. and as per the directions of the Engineer-in-charge of the work										
		BHEL Layout										

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Tree	Sqm	-1	0.80	0.70	0.70	0.70		-0.56		
		Tree	Sqm	-1	0.90	0.60	0.60	0.60		-0.54		
		Tree	Sqm	-1	0.80	0.60	0.60	0.60		-0.48		
		Tree	Sqm	-1	0.40	0.60	0.60	0.60		-0.24		
		Tree	Sqm	-1	0.80	0.60	0.60	0.60		-0.48		
		Tree	Sqm	-1	0.55	0.90	0.90	0.90		-0.50		
		Tree	Sqm	-1	2.40	0.90	0.90	0.90		-2.16		
		Tree	Sqm	-1	0.67	0.90	0.90	0.90		-0.60		
		Tree	Sqm	-1	0.55	0.90	0.90	0.90		-0.50		
		Tree	Sqm	-1	0.80	0.60	0.60	0.60		-0.48		
		Tree	Sqm	-1	0.70	0.90	0.90	0.90		-0.63		
		Tree	Sqm	-1	1.00	0.90	0.90	0.90		-0.90		
		Tree	Sqm	-1	1.00	0.60	0.60	0.60		-0.60		
		Tree	Sqm	-1	1.10	0.90	0.90	0.90		-0.99		
		Tree	Sqm	-1	0.70	0.90	0.90	0.90		-0.63		
		Tree	Sqm	-1	0.50	0.50	0.50	0.50		-0.25		
		Tree	Sqm	-1	1.10	0.90	0.90	0.90		-0.99		
		Tree	Sqm	-1	0.70	0.90	0.90	0.90		-0.63		
		Tree	Sqm	-1	0.50	0.50	0.50	0.50		-0.25		
		Tree	Sqm	-1	1.50	0.90	0.90	0.90		-1.35		
		Tree	Sqm	-1	0.90	0.90	0.90	0.90		-0.81		
		Tree	Sqm	-1	1.00	0.60	0.60	0.60		-0.60		
		Tree	Sqm	-1	0.60	0.60	0.60	0.60		-0.36		
		Tree	Sqm	-1	0.90	0.90	0.90	0.90		-0.81		
		Electric pole	Sqm	-1	0.30	0.50	0.50	0.50		-0.15		
		Tree	Sqm	-1	1.10	0.90	0.90	0.90		-0.99		
		Tree	Sqm	-1	1.00	0.90	0.90	0.90		-0.90		
		Tree	Sqm	-1	0.80	0.60	0.60	0.60		-0.48		
									Total Executed Quantity	787.71	1318.98	1038969.00
									Tender Quantity	1502.70		
Item no.14		Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete. and as per the directions of the Engineer-in-charge of the work										
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15		m	1	15.00					15.00		
15	30		m	1	15.00					15.00		
30	35.9		m	1	5.90					5.90		
		RHS										
0	15		m	1	15.00					15.00		
15	30		m	1	15.00					15.00		
30	35.2		m	1	5.20					5.20		
		3rd A cross										
		From south to north										
		LHS										
0	15		m	1	15.00					15.00		
15	20.3		m	1	5.30					5.30		
20.3	32		m	1	11.70					11.70		
32	37		m	1	5.00					5.00		
		RHS										
0	15		m	1	15.00					15.00		
15	30		m	1	15.00					15.00		
30	36.1		m	1	6.10					6.10		
		4th A cross road										
		From south to north										
		LHS										

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
27.9	34.5	Road break	m	1	0.00					0.00		
34.5	37.2	No work	m	1	0.00					0.00		
37.2	45.1		m	1	7.90					7.90		
45.1	59.6		m	1	14.50					14.50		
		LHS										
0	15		m	1	15.00					15.00		
15	24.5		m	1	9.50					9.50		
24.5	27.2	No Work	m	1	0.00					0.00		
27.2	34.2	Road break	m	1	0.00					0.00		
34.2	45.6		m	1	11.40					11.40		
45.6	46.1	Shoulder drain	m	1	0.00					0.00		
46.1	59.5		m	1	13.40					13.40		
			Nos					Total Length		11297.27		
									Length/0.45	25107.00		
Item no.15		**Painting two coats after filling the surface** with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. and as per the directions of the Engineer-in-charge of the work						Total Executed Quantity		25107.00	436.80	10966738.00
								Tender Quantity		27272.00		
		Duo Marvel Layout										
		2nd A cross road										
		From south to north										
		LHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	30		Sqm	1	15.00				0.30	4.50		
30	35.9		Sqm	1	5.90				0.30	1.77		
		RHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	30		Sqm	1	15.00				0.30	4.50		
30	35.2		Sqm	1	5.20				0.30	1.56		
		3rd A cross										
		From south to north										
		LHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	20.3		Sqm	1	5.30				0.30	1.59		
20.3	32		Sqm	1	11.70				0.30	3.51		
32	37		Sqm	1	5.00				0.30	1.50		
		RHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	30		Sqm	1	15.00				0.30	4.50		
30	36.1		Sqm	1	6.10				0.30	1.83		
		4th A cross road										
		From south to north										
		LHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	22.8		Sqm	1	7.80				0.30	2.34		
		RHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	30		Sqm	1	15.00				0.30	4.50		
30	36.7		Sqm	1	6.70				0.30	2.01		
		Andra layout										
		4th cross road										
		From south to north										
		RHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	30		Sqm	1	15.00				0.30	4.50		
30	45		Sqm	1	15.00				0.30	4.50		
45	60		Sqm	1	15.00				0.30	4.50		
60	75		Sqm	1	15.00				0.30	4.50		
75	90		Sqm	1	15.00				0.30	4.50		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
81.8	96.8		Sqm	1	15.00				0.30	4.50		
96.8	107		Sqm	1	10.20				0.30	3.06		
		LHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	30		Sqm	1	15.00				0.30	4.50		
30	34		Sqm	1	4.00				0.30	1.20		
34	35.8	Shoulder Drain	Sqm	1	0.00				0.30	0.00		
35.8	37.2		Sqm	1	1.40				0.30	0.42		
37.2	37.8	Shoulder Drain	Sqm	1	0.00				0.30	0.00		
37.8	52.8		Sqm	1	15.00				0.30	4.50		
52.8	54		Sqm	1	1.20				0.30	0.36		
54	54.6	Shoulder Drain	Sqm	1	0.00				0.30	0.00		
54.6	69.6		Sqm	1	15.00				0.30	4.50		
69.6	72.3		Sqm	1	2.70				0.30	0.81		
72.3	78.7	No work	Sqm	1	0.00				0.30	0.00		
78.7	79.7		Sqm	1	1.00				0.30	0.30		
79.7	80.1	Shoulder Drain	Sqm	1	0.00				0.30	0.00		
80.1	93.9		Sqm	1	13.80				0.30	4.14		
93.9	94.5	Shoulder Drain	Sqm	1	0.00				0.30	0.00		
94.5	106.2		Sqm	1	11.70				0.30	3.51		
		8th cross Road										
		(From north to south)										
		RHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	21.5		Sqm	1	6.50				0.30	1.95		
21.5	25.3		Sqm	1	3.80				0.30	1.14		
		LHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	26.4		Sqm	1	11.40				0.30	3.42		
		1st Main Road										
		(From west to east)										
		RHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	23		Sqm	1	8.00				0.30	2.40		
23	23.6	Shoulder drain	Sqm	1	0.00				0.30	0.00		
23.6	27.9		Sqm	1	4.30				0.30	1.29		
27.9	34.5	Road break	Sqm	1	0.00				0.30	0.00		
34.5	37.2	No work	Sqm	1	0.00				0.30	0.00		
37.2	45.1		Sqm	1	7.90				0.30	2.37		
45.1	59.6		Sqm	1	14.50				0.30	4.35		
		LHS										
0	15		Sqm	1	15.00				0.30	4.50		
15	24.5		Sqm	1	9.50				0.30	2.85		
24.5	27.2	No Work	Sqm	1	0.00				0.30	0.00		
27.2	34.2	Road break	Sqm	1	0.00				0.30	0.00		
34.2	45.6		Sqm	1	11.40				0.30	3.42		
45.6	46.1	Shoulder drain	Sqm	1	0.00				0.30	0.00		
46.1	59.5		Sqm	1	13.40				0.30	4.02		
									Total Executed Quantity	3389.18	85.65	290284.00
									Tender Quantity	3681.90		
Item no.16		Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Cum	1	15.00	5.45	5.45	5.45	0.35	28.61		
15	30		Cum	1	15.00	5.45	5.60	5.53	0.35	29.01		
30	45		Cum	1	15.00	5.60	6.10	5.85	0.35	30.71		
45	60		Cum	1	15.00	6.10	6.60	6.35	0.35	33.34		
60	75		Cum	1	15.00	6.60	7.20	6.90	0.35	36.23		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Chamber	Cum	-6	0.64				0.30	-1.14		
					Area of Circle=(3.14X0.9²)/4=0.64							
		Reciving Chamber	Cum	-12	0.50	0.50	0.50	0.50	0.30	-0.90		
		temple	Cum	-1	13.80	3.30	3.30	3.30	0.40	-18.22		
			Cum	-1	2.50	0.60	0.60	0.60	0.40	-0.60		
		Chamber	Cum	-6	0.64				0.40	-3.82		
		Total Executed Quantity			(3.14X0.9X0.9)/4=0.64							
		Tender Quantity								23820.72		
		Quantity upto 125%								20184.84		
		Item no.17 **Compaction of original ground** by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. and as per the directions of the Engineer-in-charge of the work								23820.72	64.58	1538343.00
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15											
15	30		Sqm	1	15.00	5.45	5.45	5.45		81.75		
30	45		Sqm	1	15.00	5.45	5.60	5.53		82.88		
45	60		Sqm	1	15.00	5.60	6.10	5.85		87.75		
60	75		Sqm	1	15.00	6.10	6.60	6.35		95.25		
75	90		Sqm	1	15.00	6.60	7.20	6.90		103.50		
90	104.8		Sqm	1	15.00	7.20	7.70	7.45		111.75		
			Sqm	1	14.80	7.70	8.20	7.95		117.66		
0	13.3											
			Sqm	1	13.30	9.10	9.50	9.30		123.69		
0	15											
15	30		Sqm	1	15.00	7.20	7.05	7.13		106.88		
30	45		Sqm	1	15.00	7.05	7.45	7.25		108.75		
45	60		Sqm	1	15.00	7.45	7.40	7.43		111.38		
60	75		Sqm	1	15.00	7.40	7.60	7.50		112.50		
75	90		Sqm	1	15.00	7.60	7.90	7.75		116.25		
90	105		Sqm	1	15.00	7.90	8.40	8.15		122.25		
105	120		Sqm	1	15.00	8.40	7.50	7.95		119.25		
120	135		Sqm	1	15.00	7.50	7.60	7.55		113.25		
135	150		Sqm	1	15.00	7.60	8.30	7.95		119.25		
150	165		Sqm	1	15.00	8.30	7.70	8.00		120.00		
165	180		Sqm	1	15.00	7.70	7.60	7.65		114.75		
			Sqm	1	15.00	7.60	7.40	7.50		112.50		
		2nd main										
		From north to south										
0	15		Sqm	1	15.00	5.80	6.30	6.05		90.75		
15	30		Sqm	1	15.00	6.30	6.50	6.40		96.00		
30	45		Sqm	1	15.00	6.50	6.65	6.58		98.63		
45	60		Sqm	1	15.00	6.65	7.00	6.83		102.38		
60	75		Sqm	1	15.00	7.00	7.10	7.05		105.75		
75	90		Sqm	1	15.00	7.10	6.80	6.95		104.25		
90	105		Sqm	1	15.00	6.80	6.40	6.60		99.00		
105	120		Sqm	1	15.00	6.40	6.10	6.25		93.75		
120	135		Sqm	1	15.00	6.10	6.00	6.05		90.75		
135	150		Sqm	1	15.00	6.00	6.45	6.23		93.38		
150	165		Sqm	1	15.00	6.45	6.50	6.48		97.13		
165	173.4		Sqm	1	8.40	6.50	6.40	6.45		54.18		
		5th cross road										
		From east to west										
0	20.1		Sqm	1	20.10	5.40	5.30	5.35		107.54		
		4th cross road										
		From east to west										
0	23.8		Sqm	1	23.80	5.20	5.50	5.35		127.33		
		3rd main road										
		From south to north										

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
45.4	54.4		Sqm	1	9.00	6.45	6.43	6.44		57.96		
54.4	60		Sqm	1	5.60	5.65	5.62	5.64		31.56		
		Deduction	Sqm	-1	3.60	3.40	3.40	3.40		-12.24		
			Sqm	-1	1.40	2.20	2.20	2.20		-3.08		
			Sqm	-1	3.25	1.65	1.65	1.65		-5.36		
			Sqm	-1	2.20	1.60	1.60	1.60		-3.52		
			Sqm	-1	2.20	1.60	1.60	1.60		-3.52		
		Chamber	Sqm	-6	0.64					-3.82		
			Sqm		Area of Circle=(3.14X0.9^2)/4=0.64							
		Reciving Chamber	Sqm	-12	0.50	0.50	0.50	0.50		-3.00		
		temple	Sqm	-1	13.80	3.30	3.30	3.30		-45.54		
			Sqm	-1	2.50	0.60	0.60	0.60		-1.50		
		Chamber	Sqm	-6	0.64					-3.82		
					(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								**63696.03**		
		Tender Quantity								**57293.07**		
		Quantity upto 125%								**63696.03**	**6.42**	**408929.00**
Item no.18		Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density MORTH Specification and as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		4th main road										
0	15		Cum	1	15.00	5.10	4.70	4.90	0.30	22.05		
15	30		Cum	1	15.00	4.70	4.20	4.45	0.30	20.03		
30	45		Cum	1	15.00	4.20	4.30	4.25	0.30	19.13		
45	60		Cum	1	15.00	4.30	4.60	4.45	0.30	20.03		
60	75		Cum	1	15.00	4.60	4.70	4.65	0.30	20.93		
75	90		Cum	1	15.00	4.70	5.00	4.85	0.30	21.83		
90	105		Cum	1	15.00	5.00	5.30	5.15	0.30	23.18		
105	120		Cum	1	15.00	5.30	5.25	5.28	0.30	23.74		
120	135		Cum	1	15.00	5.25	5.00	5.13	0.30	23.06		
135	150		Cum	1	15.00	5.00	4.80	4.90	0.30	22.05		
150	165		Cum	1	15.00	4.80	4.90	4.85	0.30	21.83		
165	180		Cum	1	15.00	4.90	4.60	4.75	0.75	53.44		
180	195		Cum	1	15.00	4.60	4.40	4.50	0.75	50.63		
195	210		Cum	1	15.00	4.40	4.10	4.25	0.75	47.81		
210	225		Cum	1	15.00	4.10	3.95	4.03	0.75	45.28		
225	240		Cum	1	15.00	3.95	3.80	3.88	0.75	43.59		
240	255		Cum	1	15.00	3.80	3.80	3.80	0.75	42.75		
255	264.8		Cum	1	9.80	3.80	4.75	4.28	0.75	31.42		
		4th cross road manjusree condiments opposite										
		From north to south										
0	15		Cum	1	15.00	6.30	5.50	5.90	0.20	17.70		
15	30		Cum	1	15.00	5.50	5.70	5.60	0.20	16.80		
30	45		Cum	1	15.00	5.70	5.60	5.65	0.20	16.95		
45	60		Cum	1	15.00	5.60	6.45	6.03	0.20	18.08		
60	75		Cum	1	15.00	6.45	6.00	6.23	0.20	18.68		
75	90		Cum	1	15.00	6.00	5.65	5.83	0.20	17.48		
90	105		Cum	1	15.00	5.65	5.70	5.68	0.20	17.03		
105	120		Cum	1	15.00	5.70	5.55	5.63	0.20	16.88		
120	135		Cum	1	15.00	5.55	5.95	5.75	0.20	17.25		
135	150		Cum	1	15.00	5.95	5.40	5.68	0.20	17.03		
150	165		Cum	1	15.00	5.40	5.40	5.40	0.20	16.20		
165	180		Cum	1	15.00	5.40	5.20	5.30	0.20	15.90		
180	195		Cum	1	15.00	5.20	5.40	5.30	0.20	15.90		
195	210		Cum	1	15.00	5.40	5.70	5.55	0.20	16.65		
210	225		Cum	1	15.00	5.70	5.40	5.55	0.20	16.65		
225	240		Cum	1	15.00	5.40	5.45	5.43	0.20	16.28		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
255	270		Cum	1	15.00	6.50	6.30	6.40	0.30	28.80		
270	285		Cum	1	15.00	6.30	6.12	6.21	0.30	27.95		
285	300		Cum	1	15.00	6.12	6.20	6.16	0.30	27.72		
300	315		Cum	1	15.00	6.20	6.20	6.20	0.30	27.90		
315	330		Cum	1	15.00	6.20	6.65	6.43	0.30	28.91		
330	345		Cum	1	15.00	6.65	6.50	6.58	0.30	29.59		
345	360		Cum	1	15.00	6.50	6.70	6.60	0.30	29.70		
360	375		Cum	1	15.00	6.70	8.23	7.47	0.30	33.59		
375	390		Cum	1	15.00	8.23	7.10	7.67	0.30	34.49		
390	405		Cum	1	15.00	7.10	10.55	8.83	0.30	39.71		
405	420		Cum	1	15.00	10.55	10.15	10.35	0.30	46.58		
420	435		Cum	1	15.00	10.15	10.45	10.30	0.30	46.35		
435	450		Cum	1	15.00	10.45	10.75	10.60	0.30	47.70		
450	465		Cum	1	15.00	10.75	10.70	10.73	0.30	48.26		
465	480		Cum	1	15.00	10.70	9.00	9.85	0.30	44.33		
480	495		Cum	1	15.00	9.00	8.92	8.96	0.30	40.32		
495	510		Cum	1	15.00	8.92	10.10	9.51	0.30	42.80		
510	525		Cum	1	15.00	10.10	12.20	11.15	0.30	50.18		
525	540		Cum	1	15.00	12.20	12.00	12.10	0.30	54.45		
540	555		Cum	1	15.00	12.00	11.40	11.70	0.30	52.65		
555	570		Cum	1	15.00	11.40	10.60	11.00	0.30	49.50		
570	585		Cum	1	15.00	10.60	10.25	10.43	0.30	46.91		
585	600		Cum	1	15.00	10.25	11.00	10.63	0.30	47.81		
600	615		Cum	1	15.00	11.00	11.12	11.06	0.30	49.77		
615	630		Cum	1	15.00	11.12	11.30	11.21	0.30	50.45		
630	645		Cum	1	15.00	11.30	11.32	11.31	0.30	50.90		
645	660		Cum	1	15.00	11.32	9.70	10.51	0.30	47.30		
660	670.9		Cum	1	10.90	9.70	9.50	9.60	0.30	31.39		
		Thirumala nagara										
		4th A Cross Road										
		(From South to North)										
0	5.9		Cum	1	5.90	7.70	7.65	7.68	0.30	13.58		
5.9	9.6		Cum	1	3.70	5.60	5.50	5.55	0.30	6.16		
9.6	12.4		Cum	1	2.80	5.45	5.30	5.38	0.30	4.52		
12.4	17.8		Cum	1	5.40	4.65	5.65	5.15	0.30	8.34		
17.8	30		Cum	1	12.20	6.40	6.80	6.60	0.30	24.16		
30	39.2		Cum	1	9.20	6.80	6.65	6.73	0.30	18.56		
39.2	45		Cum	1	5.80	5.70	5.50	5.60	0.30	9.74		
45	55.7		Cum	1	10.70	5.50	5.30	5.40	0.30	17.33		
		1st Cross Road										
		(From North to South)										
0	15		Cum	1	15.00	5.65	5.35	5.50	0.30	24.75		
15	30		Cum	1	15.00	5.35	5.15	5.25	0.30	23.63		
30	45		Cum	1	15.00	5.15	5.25	5.20	0.30	23.40		
45	58.3		Cum	1	13.30	5.25	5.00	5.13	0.30	20.45		
		temple	Cum	-1	13.80	3.30	3.30	3.30	0.30	-13.66		
		Total Executed Quantity								3641.39		
		Tender Quantity								2390.10		
		Quantity upto 125%								2987.63	347.95	1039545.00
		Quantity above 125%								653.76	347.95	227473.00
Item no.19		Construction of **granular sub-base Grading-V** as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work.										
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Cum	1	15.00	5.45	5.45	5.45	0.15	12.26		
15	30		Cum	1	15.00	5.45	5.60	5.53	0.15	12.43		
30	45		Cum	1	15.00	5.60	6.10	5.85	0.15	13.16		
45	60		Cum	1	15.00	6.10	6.60	6.35	0.15	14.29		
60	75		Cum	1	15.00	6.60	7.20	6.90	0.15	15.53		
75	90		Cum	1	15.00	7.20	7.70	7.45	0.15	16.76		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		Reciving Chamber	Cum	-12	0.50	0.50	0.50	0.50	0.20	-0.60		
		temple	Cum	-1	13.80	3.30	3.30	3.30	0.20	-9.11		
			Cum	-1	2.50	0.60	0.60	0.60	0.20	-0.30		
		Chamber	Cum	-6	0.64				0.20	-0.76		
					(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								**12739.21**		
		Tender Quantity								**11458.61**		
		Quantity upto 125%								**12739.21**	**2021.29**	**25749629.00**
Item no.21		Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specification. and as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Sqm	1	15.00	5.45	5.45	5.45		81.75		
15	30		Sqm	1	15.00	5.45	5.60	5.53		82.88		
30	45		Sqm	1	15.00	5.60	6.10	5.85		87.75		
45	60		Sqm	1	15.00	6.10	6.60	6.35		95.25		
60	75		Sqm	1	15.00	6.60	7.20	6.90		103.50		
75	90		Sqm	1	15.00	7.20	7.70	7.45		111.75		
90	104.8		Sqm	1	14.80	7.70	8.20	7.95		117.66		
0	13.3		Sqm	1	13.30	9.10	9.50	9.30		123.69		
0	15		Sqm	1	15.00	7.20	7.05	7.13		106.88		
15	30		Sqm	1	15.00	7.05	7.45	7.25		108.75		
30	45		Sqm	1	15.00	7.45	7.40	7.43		111.38		
45	60		Sqm	1	15.00	7.40	7.60	7.50		112.50		
60	75		Sqm	1	15.00	7.60	7.90	7.75		116.25		
75	90		Sqm	1	15.00	7.90	8.40	8.15		122.25		
90	105		Sqm	1	15.00	8.40	7.50	7.95		119.25		
105	120		Sqm	1	15.00	7.50	7.60	7.55		113.25		
120	135		Sqm	1	15.00	7.60	8.30	7.95		119.25		
135	150		Sqm	1	15.00	8.30	7.70	8.00		120.00		
150	165		Sqm	1	15.00	7.70	7.60	7.65		114.75		
165	180		Sqm	1	15.00	7.60	7.40	7.50		112.50		
		2nd main Road										
		From north to south										
0	15		Sqm	1	15.00	5.80	6.30	6.05		90.75		
15	30		Sqm	1	15.00	6.30	6.50	6.40		96.00		
30	45		Sqm	1	15.00	6.50	6.65	6.58		98.63		
45	60		Sqm	1	15.00	6.65	7.00	6.83		102.38		
60	75		Sqm	1	15.00	7.00	7.10	7.05		105.75		
75	90		Sqm	1	15.00	7.10	6.80	6.95		104.25		
90	105		Sqm	1	15.00	6.80	6.40	6.60		99.00		
105	120		Sqm	1	15.00	6.40	6.10	6.25		93.75		
120	135		Sqm	1	15.00	6.10	6.00	6.05		90.75		
135	150		Sqm	1	15.00	6.00	6.45	6.23		93.38		
150	165		Sqm	1	15.00	6.45	6.50	6.48		97.13		
165	173.4		Sqm	1	8.40	6.50	6.40	6.45		54.18		
		5th cross road										
		From east to west										
0	20.1		Sqm	1	20.10	5.40	5.30	5.35		107.54		
		4th cross road										
		From east to west										
0	23.8		Sqm	1	23.80	5.20	5.50	5.35		127.33		
		3rd main road										
		From south to north										
0	15		Sqm	1	15.00	6.90	6.30	6.60		99.00		
15	30		Sqm	1	15.00	6.30	6.90	6.60		99.00		
30	45		Sqm	1	15.00	6.90	6.90	6.90		103.50		
45	60		Sqm	1	15.00	6.90	6.25	6.58		98.63		
60	75		Sqm	1	15.00	6.25	6.90	6.58		98.63		
75	90		Sqm	1	15.00	6.90	6.90	6.90		103.50		
90	105		Sqm	1	15.00	6.90	6.50	6.70		100.50		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
45.4	54.4		Sqm	1	9.00	6.45	6.43	6.44		57.96		
54.4	60		Sqm	1	5.60	5.65	5.62	5.64		31.56		
		Chamber	Sqm	-23	0.64					-14.62		
					Area of Circle=(3.14X0.9^2)/4=0.64							
		Reciving Chamber	Sqm	-28	0.50	0.50	0.50	0.50		-7.00		
		temple	Sqm	-1	13.80	3.30	3.30	3.30		-45.54		
			Sqm	-1	2.50	0.60	0.60	0.60		-1.50		
		Chamber	Sqm	-6	0.64					-3.82		
					(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								**63832.56**		
		Tender Quantity								**57293.07**		
		Quantity upto 125%								**63832.56**	**34.26**	**2186904.00**
Item no.22		Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specification sand as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Cum	1	15.00	5.45	5.45	5.45	0.05	4.09		
15	30		Cum	1	15.00	5.45	5.60	5.53	0.05	4.14		
30	45		Cum	1	15.00	5.60	6.10	5.85	0.05	4.39		
45	60		Cum	1	15.00	6.10	6.60	6.35	0.05	4.76		
60	75		Cum	1	15.00	6.60	7.20	6.90	0.05	5.18		
75	90		Cum	1	15.00	7.20	7.70	7.45	0.05	5.59		
90	104.8		Cum	1	14.80	7.70	8.20	7.95	0.05	5.88		
0	13.3		Cum	1	13.30	9.10	9.50	9.30	0.05	6.18		
0	15		Cum	1	15.00	7.20	7.05	7.13	0.05	5.34		
15	30		Cum	1	15.00	7.05	7.45	7.25	0.05	5.44		
30	45		Cum	1	15.00	7.45	7.40	7.43	0.05	5.57		
45	60		Cum	1	15.00	7.40	7.60	7.50	0.05	5.63		
60	75		Cum	1	15.00	7.60	7.90	7.75	0.05	5.81		
75	90		Cum	1	15.00	7.90	8.40	8.15	0.05	6.11		
90	105		Cum	1	15.00	8.40	7.50	7.95	0.05	5.96		
105	120		Cum	1	15.00	7.50	7.60	7.55	0.05	5.66		
120	135		Cum	1	15.00	7.60	8.30	7.95	0.05	5.96		
135	150		Cum	1	15.00	8.30	7.70	8.00	0.05	6.00		
150	165		Cum	1	15.00	7.70	7.60	7.65	0.05	5.74		
165	180		Cum	1	15.00	7.60	7.40	7.50	0.05	5.63		
		2nd main Road										
		From north to south										
0	15		Cum	1	15.00	5.80	6.30	6.05	0.05	4.54		
15	30		Cum	1	15.00	6.30	6.50	6.40	0.05	4.80		
30	45		Cum	1	15.00	6.50	6.65	6.58	0.05	4.93		
45	60		Cum	1	15.00	6.65	7.00	6.83	0.05	5.12		
60	75		Cum	1	15.00	7.00	7.10	7.05	0.05	5.29		
75	90		Cum	1	15.00	7.10	6.80	6.95	0.05	5.21		
90	105		Cum	1	15.00	6.80	6.40	6.60	0.05	4.95		
105	120		Cum	1	15.00	6.40	6.10	6.25	0.05	4.69		
120	135		Cum	1	15.00	6.10	6.00	6.05	0.05	4.54		
135	150		Cum	1	15.00	6.00	6.45	6.23	0.05	4.67		
150	165		Cum	1	15.00	6.45	6.50	6.48	0.05	4.86		
165	173.4		Cum	1	8.40	6.50	6.40	6.45	0.05	2.71		
		5th cross road										
		From east to west										
0	20.1		Cum	1	20.10	5.40	5.30	5.35	0.05	5.38		
		4th cross road										
		From east to west										
0	23.8		Cum	1	23.80	5.20	5.50	5.35	0.05	6.37		
		3rd main road										
		From south to north										

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
45.4	54.4		Cum	1	9.00	6.45	6.43	6.44	0.05	2.90		
54.4	60		Cum	1	5.60	5.65	5.62	5.64	0.05	1.58		
		Deduction	Cum	-1	3.60	3.40	3.40	3.40	0.05	-0.61		
			Cum	-1	1.40	2.20	2.20	2.20	0.05	-0.15		
			Cum	-1	3.25	1.65	1.65	1.65	0.05	-0.27		
			Cum	-1	2.20	1.60	1.60	1.60	0.05	-0.18		
			Cum	-1	2.20	1.60	1.60	1.60	0.05	-0.18		
		Chamber	Cum	-23	0.64				0.05	-0.73		
					Area of Circle=(3.14X0.9^2)/4=0.64							
		Reciving Chamber	Cum	-28	0.50	0.50	0.50	0.50	0.05	-0.35		
		temple	Cum	-1	13.80	3.30	3.30	3.30	0.05	-2.28		
			Cum	-1	2.50	0.60	0.60	0.60	0.05	-0.08		
		Chamber	Cum	-6	0.64				0.05	-0.19		
					(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								**3191.63**		
		Tender Quantity								**2864.65**		
		Quantity upto 125%								**3191.63**	**7365.73**	**23508671.00**
Item no.23		Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications, and as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Sqm	1	15.00	5.45	5.45	5.45		81.75		
15	30		Sqm	1	15.00	5.45	5.60	5.53		82.88		
30	45		Sqm	1	15.00	5.60	6.10	5.85		87.75		
45	60		Sqm	1	15.00	6.10	6.60	6.35		95.25		
60	75		Sqm	1	15.00	6.60	7.20	6.90		103.50		
75	90		Sqm	1	15.00	7.20	7.70	7.45		111.75		
90	104.8		Sqm	1	14.80	7.70	8.20	7.95		117.66		
0	13.3		Sqm	1	13.30	9.10	9.50	9.30		123.69		
0	15		Sqm	1	15.00	7.20	7.05	7.13		106.88		
15	30		Sqm	1	15.00	7.05	7.45	7.25		108.75		
30	45		Sqm	1	15.00	7.45	7.40	7.43		111.38		
45	60		Sqm	1	15.00	7.40	7.60	7.50		112.50		
60	75		Sqm	1	15.00	7.60	7.90	7.75		116.25		
75	90		Sqm	1	15.00	7.90	8.40	8.15		122.25		
90	105		Sqm	1	15.00	8.40	7.50	7.95		119.25		
105	120		Sqm	1	15.00	7.50	7.60	7.55		113.25		
120	135		Sqm	1	15.00	7.60	8.30	7.95		119.25		
135	150		Sqm	1	15.00	8.30	7.70	8.00		120.00		
150	165		Sqm	1	15.00	7.70	7.60	7.65		114.75		
165	180		Sqm	1	15.00	7.60	7.40	7.50		112.50		
		2nd main Road										
		From north to south										
0	15		Sqm	1	15.00	5.80	6.30	6.05		90.75		
15	30		Sqm	1	15.00	6.30	6.50	6.40		96.00		
30	45		Sqm	1	15.00	6.50	6.65	6.58		98.63		
45	60		Sqm	1	15.00	6.65	7.00	6.83		102.38		
60	75		Sqm	1	15.00	7.00	7.10	7.05		105.75		
75	90		Sqm	1	15.00	7.10	6.80	6.95		104.25		
90	105		Sqm	1	15.00	6.80	6.40	6.60		99.00		
105	120		Sqm	1	15.00	6.40	6.10	6.25		93.75		
120	135		Sqm	1	15.00	6.10	6.00	6.05		90.75		
135	150		Sqm	1	15.00	6.00	6.45	6.23		93.38		
150	165		Sqm	1	15.00	6.45	6.50	6.48		97.13		
165	173.4		Sqm	1	8.40	6.50	6.40	6.45		54.18		
		5th cross road										
		From east to west										

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
		2nd Cross Road										
		(From North to South)										
0	15		Sqm	1	15.00	6.80	6.70	6.75		101.25		
15	30		Sqm	1	15.00	6.70	6.30	6.50		97.50		
30	36.4		Sqm	1	6.40	5.55	5.50	5.53		35.36		
36.4	45.4		Sqm	1	9.00	5.50	5.80	5.65		50.85		
45.4	54.4		Sqm	1	9.00	6.45	6.43	6.44		57.96		
54.4	60		Sqm	1	5.60	5.65	5.62	5.64		31.56		
		Deduction	Sqm	-1	3.60	3.40	3.40	3.40		-12.24		
			Sqm	-1	1.40	2.20	2.20	2.20		-3.08		
			Sqm	-1	3.25	1.65	1.65	1.65		-5.36		
			Sqm	-1	2.20	1.60	1.60	1.60		-3.52		
			Sqm	-1	2.20	1.60	1.60	1.60		-3.52		
		Chamber	Sqm	-23	0.64					-14.62		
					Area of Circle=(3.14X0.9^2)/4=0.64							
		Reciving Chamber	Sqm	-28	0.50	0.50	0.50	0.50		-7.00		
		temple	Sqm	-1	13.80	3.30	3.30	3.30		-45.54		
			Sqm	-1	2.50	0.60	0.60	0.60		-1.50		
		Chamber	Sqm	-6	0.64					-3.82		
					(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								63832.56		
		Tender Quantity								57293.07		
		Quantity upto 125%								63832.56	12.85	820249.00
Item no.24		Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. and as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Cum	1	15.00	5.45	5.45	5.45	0.04	3.27		
15	30		Cum	1	15.00	5.45	5.60	5.53	0.04	3.32		
30	45		Cum	1	15.00	5.60	6.10	5.85	0.04	3.51		
45	60		Cum	1	15.00	6.10	6.60	6.35	0.04	3.81		
60	75		Cum	1	15.00	6.60	7.20	6.90	0.04	4.14		
75	90		Cum	1	15.00	7.20	7.70	7.45	0.04	4.47		
90	104.8		Cum	1	14.80	7.70	8.20	7.95	0.04	4.71		
0	13.3		Cum	1	13.30	9.10	9.50	9.30	0.04	4.95		
0	15		Cum	1	15.00	7.20	7.05	7.13	0.04	4.28		
15	30		Cum	1	15.00	7.05	7.45	7.25	0.04	4.35		
30	45		Cum	1	15.00	7.45	7.40	7.43	0.04	4.46		
45	60		Cum	1	15.00	7.40	7.60	7.50	0.04	4.50		
60	75		Cum	1	15.00	7.60	7.90	7.75	0.04	4.65		
75	90		Cum	1	15.00	7.90	8.40	8.15	0.04	4.89		
90	105		Cum	1	15.00	8.40	7.50	7.95	0.04	4.77		
105	120		Cum	1	15.00	7.50	7.60	7.55	0.04	4.53		
120	135		Cum	1	15.00	7.60	8.30	7.95	0.04	4.77		
135	150		Cum	1	15.00	8.30	7.70	8.00	0.04	4.80		
150	165		Cum	1	15.00	7.70	7.60	7.65	0.04	4.59		
165	180		Cum	1	15.00	7.60	7.40	7.50	0.04	4.50		
		2nd main Road										
		From north to south										
0	15		Cum	1	15.00	5.80	6.30	6.05	0.04	3.63		
15	30		Cum	1	15.00	6.30	6.50	6.40	0.04	3.84		
30	45		Cum	1	15.00	6.50	6.65	6.58	0.04	3.95		
45	60		Cum	1	15.00	6.65	7.00	6.83	0.04	4.10		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
12.4	17.8		Cum	1	5.40	4.65	5.65	5.15	0.04	1.11		
17.8	30		Cum	1	12.20	6.40	6.80	6.60	0.04	3.22		
30	39.2		Cum	1	9.20	6.80	6.65	6.73	0.04	2.47		
39.2	45		Cum	1	5.80	5.70	5.50	5.60	0.04	1.30		
45	55.7		Cum	1	10.70	5.50	5.30	5.40	0.04	2.31		
		1st Cross Road										
		(From North to South)										
0	15		Cum	1	15.00	5.65	5.35	5.50	0.04	3.30		
15	30		Cum	1	15.00	5.35	5.15	5.25	0.04	3.15		
30	45		Cum	1	15.00	5.15	5.25	5.20	0.04	3.12		
45	58.3		Cum	1	13.30	5.25	5.00	5.13	0.04	2.73		
		2nd Cross Road										
		(From North to South)										
0	15		Cum	1	15.00	6.80	6.70	6.75	0.04	4.05		
15	30		Cum	1	15.00	6.70	6.30	6.50	0.04	3.90		
30	36.4		Cum	1	6.40	5.55	5.50	5.53	0.04	1.41		
36.4	45.4		Cum	1	9.00	5.50	5.80	5.65	0.04	2.03		
45.4	54.4		Cum	1	9.00	6.45	6.43	6.44	0.04	2.32		
54.4	60		Cum	1	5.60	5.65	5.62	5.64	0.04	1.26		
		Deduction	Cum	-1	3.60	3.40	3.40	3.40	0.04	-0.49		
			Cum	-1	1.40	2.20	2.20	2.20	0.04	-0.12		
			Cum	-1	3.25	1.65	1.65	1.65	0.04	-0.21		
			Cum	-1	2.20	1.60	1.60	1.60	0.04	-0.14		
			Cum	-1	2.20	1.60	1.60	1.60	0.04	-0.14		
		Chamber	Cum	-23	0.64				0.04	-0.58		
					Area of Circle=(3.14X0.9^2)/4=0.64							
		Receiving Chamber	Cum	-28	0.50	0.50	0.50	0.50	0.04	-0.28		
		temple	Cum	-1	13.80	3.30	3.30	3.30	0.04	-1.82		
			Cum	-1	2.50	0.60	0.60	0.60	0.04	-0.06		
		Chamber	Cum	-6	0.64				0.04	-0.15		
			Cum		(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								**2553.30**		
		Tender Quantity								**2291.72**		
		Quantity upto 125%								**2553.30**	**8534.82**	**21791978.00**
Item no.25		Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver. and as per the directions of the Engineer-in-charge of the work.											
		Vijaya Bank Layout										
		4th Cross Road										
		From west to east										
0	15		Cum	1	15.00	3.40	3.90	3.65	0.15	8.21		
15	30		Cum	1	15.00	3.90	4.80	4.35	0.15	9.79		
30	42.4		Cum	1	12.40	4.80	5.10	4.95	0.15	9.21		
		3rd Cross Road										
		From east to west										
0	15		Cum	1	15.00	3.60	3.60	3.60	0.15	8.10		
15	30		Cum	1	15.00	3.60	3.20	3.40	0.15	7.65		
30	40.9		Cum	1	10.90	3.20	3.30	3.25	0.15	5.31		
		2nd Cross Road										
		From west to east										
0	15		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15		
15	30		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15		
30	41.1		Cum	1	11.10	5.40	5.40	5.40	0.15	8.99		
		1st Cross Road										

Chainage from	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
Item no.26		Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008, mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. and as per the directions of the Engineer-in-charge of the work										
		Vijaya Bank Layout										
		4th Cross Road										
		From west to east										
0	15		Cum	1	15.00	3.40	3.90	3.65	0.15	8.21		
15	30		Cum	1	15.00	3.90	4.80	4.35	0.15	9.79		
30	42.4		Cum	1	12.40	4.80	5.10	4.95	0.15	9.21		
		3rd Cross Road										
		From east to west										
0	15		Cum	1	15.00	3.60	3.60	3.60	0.15	8.10		
15	30		Cum	1	15.00	3.60	3.20	3.40	0.15	7.65		
30	40.9		Cum	1	10.90	3.20	3.30	3.25	0.15	5.31		
		2nd Cross Road										
		From west to east										
0	15		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15		
15	30		Cum	1	15.00	5.40	5.40	5.40	0.15	12.15		
30	41.1		Cum	1	11.10	5.40	5.40	5.40	0.15	8.99		
		1st Cross Road										
		From west to east										
0	15		Cum	1	15.00	6.30	5.95	6.13	0.15	13.78		
15	30		Cum	1	15.00	5.95	5.90	5.93	0.15	13.33		
30	41.8		Cum	1	11.80	5.90	6.40	6.15	0.15	10.89		
		Cross Road										
		From north to south										
0	15		Cum	1	15.00	5.30	5.30	5.30	0.15	11.93		
15	23		Cum	1	8.00	5.30	5.30	5.30	0.15	6.36		
		Veersagar Road										
		(From West to East)										
0	15		Cum	1	15.00	7.20	7.40	7.30	0.15	16.43		
15	30		Cum	1	15.00	7.40	6.80	7.10	0.15	15.98		
30	45		Cum	1	15.00	6.80	7.00	6.90	0.15	15.53		
45	60		Cum	1	15.00	7.00	7.10	7.05	0.15	15.86		
60	75		Cum	1	15.00	7.10	6.70	6.90	0.15	15.53		
75	90		Cum	1	15.00	6.70	6.80	6.75	0.15	15.19		
90	105		Cum	1	15.00	6.80	6.60	6.70	0.15	15.08		
105	120		Cum	1	15.00	6.60	5.50	6.05	0.15	13.61		
120	128.6		Cum	1	8.60	5.50	5.50	5.50	0.15	7.10		
		Doddabettahalli										
		Cross Road-1										
		From North to South										
0	15		Cum	1	15.00	3.60	3.30	3.45	0.15	7.76		
15	30		Cum	1	15.00	3.30	2.00	2.65	0.15	5.96		
30	46.1		Cum	1	16.10	2.00	2.70	2.35	0.15	5.68		
		Cross Road-2										
		From East to West										
0	15		Cum	1	15.00	3.70	3.15	3.43	0.15	7.71		
15	30		Cum	1	15.00	3.15	3.00	3.08	0.15	6.92		
30	45		Cum	1	15.00	3.00	2.60	2.80	0.15	6.30		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
45	60		Cum	1	15.00	2.60	2.45	2.53	0.15	5.68		
60	75		Cum	1	15.00	2.45	2.40	2.43	0.15	5.46		
75	84		Cum	1	9.00	2.40	2.05	2.23	0.15	3.00		
		Sai Orchards										
		1st B Cross Road										
		From West to East										
0	10.7		Cum	1	10.70	3.65	3.85	3.75	0.15	6.02		
10.7	21.5		Cum	1	10.80	3.00	3.00	3.00	0.15	4.86		
21.5	30		Cum	1	8.50	3.00	3.90	3.45	0.15	4.40		
30	35.8		Cum	1	5.80	3.90	3.90	3.90	0.15	3.39		
		1st A Cross Road										
		From West to East										
0	15		Cum	1	15.00	4.20	3.70	3.95	0.15	8.89		
15	30		Cum	1	15.00	3.70	3.85	3.78	0.15	8.49		
30	36.6		Cum	1	6.60	3.85	3.95	3.90	0.15	3.86		
		Deduction										
		Steps	Cum	-3	1.20	0.30	0.30	0.30	0.15	-0.16		
		Chamber	Cum	-4	0.64				0.15	-0.38		
			Cum		(3.14X0.9X0.9)/4=0.64							
		Total Executed Quantity								**361.96**		
		Tender Quantity								**144.98**		
		Quantity upto 125%								**181.23**	**5690.65**	**1031289.00**
		Quantity above 125%								**180.74**	**6062.35**	**1095697.00**

Item no.27 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. and as per the directions of the Engineer-in-charge of the work

		Mahalaxmi layout										
		1st main road										
		From north to south										
0	15		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
15	30		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
30	45		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
45	60		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
60	75		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
75	90		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
90	104.8		Sqm	2.5	14.80	0.10	0.10	0.10		3.70		
0	13.3		Sqm	2.5	13.30	0.10	0.10	0.10		3.33		
0	15		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
15	30		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
30	45		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
45	60		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
60	75		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
75	90		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
90	105		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
105	120		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
120	135		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
135	150		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
150	165		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
165	180		Sqm	2.5	15.00	0.10	0.10	0.10		3.75		
		2nd main Road										
		From north to south										
0	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
15	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
30	45		Sqm	2	15.00	0.10	0.10	0.10		3.00		
45	60		Sqm	2	15.00	0.10	0.10	0.10		3.00		
60	75		Sqm	2	15.00	0.10	0.10	0.10		3.00		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
9	126.7		Sqm	2	11.80	0.10	0.10	0.10		2.36		
7	128	Culvert	Sqm	2	0.00	0.10	0.10	0.10		0.00		
3	135		Sqm	2	7.00	0.10	0.10	0.10		1.40		
5	143.2		Sqm	2	8.20	0.10	0.10	0.10		1.64		
2	150.4		Sqm	2	7.20	0.10	0.10	0.10		1.44		
4	159.9		Sqm	2	9.50	0.10	0.10	0.10		1.90		
9	162.3		Sqm	2	2.40	0.10	0.10	0.10		0.48		
3	165		Sqm	2	2.70	0.10	0.10	0.10		0.54		
5	168.5		Sqm	2	3.50	0.10	0.10	0.10		0.70		
5	177.3		Sqm	2	8.80	0.10	0.10	0.10		1.76		
3	178.9		Sqm	2	1.60	0.10	0.10	0.10		0.32		
9	185.7		Sqm	2	6.80	0.10	0.10	0.10		1.36		
		4th A Cross Road										
		(From South to North)										
	5.9		Sqm	2	5.90	0.10	0.10	0.10		1.18		
9	9.6		Sqm	2	3.70	0.10	0.10	0.10		0.74		
5	12.4		Sqm	2	2.80	0.10	0.10	0.10		0.56		
4	17.8		Sqm	2	5.40	0.10	0.10	0.10		1.08		
8	30		Sqm	2	12.20	0.10	0.10	0.10		2.44		
)	39.2		Sqm	2	9.20	0.10	0.10	0.10		1.84		
2	45		Sqm	2	5.80	0.10	0.10	0.10		1.16		
3	55.7		Sqm	2	10.70	0.10	0.10	0.10		2.14		
		1st Cross Road										
		(From North to South)										
	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
5	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
)	45		Sqm	2	15.00	0.10	0.10	0.10		3.00		
3	58.3		Sqm	2	13.30	0.10	0.10	0.10		2.66		
		2nd Cross Road										
		(From North to South)										
	15		Sqm	2	15.00	0.10	0.10	0.10		3.00		
5	30		Sqm	2	15.00	0.10	0.10	0.10		3.00		
)	36.4		Sqm	2	6.40	0.10	0.10	0.10		1.28		
4	45.4		Sqm	2	9.00	0.10	0.10	0.10		1.80		
4	54.4		Sqm	2	9.00	0.10	0.10	0.10		1.80		
4	60		Sqm	2	5.60	0.10	0.10	0.10		1.12		
		Total Executed Quantity								**1870.53**	**459.29**	**859114.00**
		Tender Quantity								**3108.46**		

tem no.28 Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer and as per the directions of the Engineer-in-charge of the work

		Atture lake Hanuman temple road										
		From South to North										
	15		m	3	15.00					45.00		
5	30		m	3	15.00					45.00		
)	45		m	3	15.00					45.00		
5	60		m	3	15.00					45.00		
)	75		m	3	15.00					45.00		
5	90		m	3	15.00					45.00		
)	105		m	3	15.00					45.00		
5	120		m	3	15.00					45.00		
0	135		m	3	15.00					45.00		
5	150		m	3	15.00					45.00		
0	153.9		m	3	3.90					11.70		

Chainage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Rate in	Amount in
om	To				(m)	B1	B2	Avg B	(m)		RS.	RS.
31	141.5		m	2	10.50					21.00		
1.5	150		m	2	8.50					17.00		
50	165		m	2	15.00					30.00		
65	180		m	2	15.00					30.00		
80	195		m	2	15.00					30.00		
95	210		m	2	15.00					30.00		
10	225		m	2	15.00					30.00		
25	240		m	2	15.00					30.00		
40	255		m	2	15.00					30.00		
55	270		m	2	15.00					30.00		
70	285		m	2	15.00					30.00		
85	300		m	2	15.00					30.00		
00	315		m	2	15.00					30.00		
15	330		m	2	15.00					30.00		
30	345		m	2	15.00					30.00		
45	360		m	2	15.00					30.00		
60	375		m	2	15.00					30.00		
75	390		m	2	15.00					30.00		
90	405		m	2	15.00					30.00		
05	420		m	2	15.00					30.00		
20	435		m	2	15.00					30.00		
35	450		m	2	15.00					30.00		
50	465		m	2	15.00					30.00		
65	480		m	2	15.00					30.00		
80	495		m	2	15.00					30.00		
95	510		m	2	15.00					30.00		
10	525		m	2	15.00					30.00		
25	540		m	2	15.00					30.00		
40	555		m	2	15.00					30.00		
55	570		m	2	15.00					30.00		
70	585		m	2	15.00					30.00		
85	600		m	2	15.00					30.00		
00	615		m	2	15.00					30.00		
15	630		m	2	15.00					30.00		
30	645		m	2	15.00					30.00		
45	660		m	2	15.00					30.00		
60	675		m	2	15.00					30.00		
75	690		m	2	15.00					30.00		
90	705		m	2	15.00					30.00		
05	717		m	2	12.00					24.00		
									Sub Total	3437.10		
		Number of Studs	Nos						Total Length/3m	1146.00		
		Total Executed Quantity								1146.00	360.79	413466.00
		Tender Quantity								1752.00		
	E1	Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) 2005 and constructed with CM 1:4, as per IS 2572 2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications and as per the directions of the Engineer-in-charge of the work										
		Mahalaxmi layout										
		1st main road										
		From north to south										
		LHS										
0	80.9	No work	Sqm	0	0.00				0.00	0.00		
9	96		Sqm	2	15.10				0.40	12.08		
6	182	No work	Sqm	2	0.00				0.40	0.00		
		RHS										
0	15		Sqm	2	15.00				0.40	12.00		
5	23.6		Sqm	2	8.60				0.40	6.88		
6	27.6		Sqm	2	4.00				0.40	3.20		
6	29.2		Sqm	2	1.60				0.20	0.64		
2	37		Sqm	2	7.80				0.20	3.12		
7	52		Sqm	2	15.00				0.40	12.00		
7	67		Sqm	2	15.00				0.40	12.00		
7	74.5		Sqm	2	7.50				0.40	6.00		
5	83.2	old culvert	0	0	0.00				0.00	0.00		

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Rate in RS.	Amount in RS.
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.50				0.20	0.20		
			Sqm	2	0.51				0.20	0.20		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.90				0.20	0.36		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.90				0.20	0.36		
			Sqm	2	0.90				0.20	0.36		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.64				0.20	0.26		
			Sqm	2	1.10				0.20	0.44		
			Sqm	2	1.10				0.20	0.44		
			Sqm	2	0.45				0.20	0.18		
			Sqm	2	0.65				0.20	0.26		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.70				0.20	0.28		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.90				0.20	0.36		
			Sqm	2	0.94				0.20	0.38		
			Sqm	2	0.90				0.20	0.36		
			Sqm	2	0.90				0.20	0.36		
			Sqm	2	0.80				0.20	0.32		
			Sqm	2	0.80				0.20	0.32		
			Sqm	2	0.50				0.20	0.20		
			Sqm	2	0.87				0.20	0.35		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
			Sqm	2	0.60				0.20	0.24		
									Total Executed Quantity	280.62	989.23	277599.00
											Sub Total	176762835.00
											For 12% Applicable GST	21211541.00
											Total Amount	197974376.00

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

Technical Sanction
Accorded For Rs 19797 4,876 /-
Head of A/C 0.3.8.2.3
CER NO : 18A Dt: 14.06.2022

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